

Amendments to the Specification:

Replace the paragraph at page 6, lines 2-18, with the following amended paragraph:

--Referring to Fig. 1a, an organic light emitting diode (OLED) display according to one embodiment of the present invention comprises an array of OLED light emitting elements **10** (only one of which is shown), each OLED having two terminals; a voltage sensing circuit for each OLED sensor including a transistor **12** in each circuit connected to one of the terminals of a corresponding OLED for sensing senses the voltage across the OLED to produce a feedback signal **14** representing the voltage across the ~~one or more~~ OLED displays; and a controller **16** for controlling the organic light emitting diode display and responsive to input signal **26** and the feedback signal **14** for calculating a corrected control signal **24** for the ~~one or more~~ OLED displays and applying the corrected control signal **24** to data used to drive each the OLED display that to compensate for the changes in the output of ~~the one or more~~ each OLED displays **10**. A load resistor **15** that is connected between the transistor **12** and ground generates a voltage proportional to the voltage across OLED **10**. Fig. 1b illustrates an alternate configuration of the voltage sensor. In this embodiment, the load resistor **15** is connected to the power Vdd line rather than the ground. The load resistor may be provided in a variety of locations, including in the controller. In the embodiments show in Figs. 1a and 1b, a separate feedback signal **14** may be provided for each OLED or group of OLEDs that are to be measured.--